

MODEL	CAB-CP250-E-B0	CAB-CP300-E-B0 CAB-CP300T-E-B0	CAB-CP600-E-D0 CAB-CP600T-E-2B0
GENERAL DATA			
Module Type	IM50	IM50/IM60	IM50/IM60
Nominal power per module [kVA=kW]	50	50/60	50/60
Max Power per Frame [kVA=kW]	250	300	600
Number of modules per frame	1-5	1-5	1-10
Max power per system [kVA=kW]	3000	3600	3600
Connection Type	Bottom	Bottom / Top	Bottom / Top
Topology/Technology	Online double conversion/DARA (Distributed Active-redundant Architecture)		
INPUT			
MAINS			
Input Wiring	3Ph+N+PE		
Rated Voltage	380/400/415Vac		
Voltage Range	For loads <100% (-25%, +20%) <80% (-32.5%, +20%) <60% (-35%, +20%)		
Input Frequency	40-70 Hz		
Total Harmonic Distortion	THDi<3% for linear load, THDi<5% for nonlinear load		
Input Power Factor	0,99		
BYPASS			
Input Wiring	3Ph+N+PE		
Rated Voltage	360/400/420 Vac		
Input Frequency	50/60 ±2/4% (selectable)		
BATTERY			
Rated Voltage	360-480 Vdc (the number of batteries can be selected)		
Internal Batteries (7/9Ah)	E External		
Type	Lead-Acid/NiCad/Lithium		
Blocks [LA]/Cells[NicAd]	20-50 IM50/IM60: 30-50		
Charger (Amp/module)	40		
OUTPUT			
INVERTER			
Output Wiring	3Ph+N+PE		
Voltage	380/400/415 Vac±1%		
Frequency	Tracking the bypass input (Online Mode) 50/60 Hz±0,05% (Battery Mode)		
Waveform	Sine wave (THDv<1% for linear load THDv<3% for non-linear load)		
Output Power Factor	1		
Efficiency	97,1%		
Overload Capacity	Inverter 124% continuous 125% overload for 10 min 150% overload for 1 min Bypass 135% overload for long term <1000% overload for 100ms		
Short circuit capability	3 x IN		
BYPASS			
Efficiency	99,4%		
ENVIRONMENT			
Operating Temperature	0-40°C (No power derating)		
Storage Temperature	-40-70°C		
Relative Humidity	0%-95% (No condensing)		
Maximum Operating Altitude	1000 m. Above 1000 m, derating 1% for each additional 100 m		
Audible Noise	< 65dB		
OTHERS			
Dimensions (H x W x D) [mm]	1,980x730x845	1,980x730x845	1,980x1,460x845
Weight [Kg] without modules	209	209	396
Certifications	EN/IEC 62040-1 EN/IEC 62040-2 EN/IEC 62040-3 CE RoHS		
Communications	Basic RS485 RS232 2 Dry Input. Pro Basic + Dry contacts Ethernet Bluetooth		